SHEET 1 OF 3 INFORMATION DISCLOSURE ATTY. DOCKET NO. SERIAL NO. Divisional of Appl. No. 64162-030 CITATION IN AN 10/345,992 APPLICATION APPLICANT MICHAEL L. ROONEY FILING DATE (PTO-1449) **GROUP** January 16, 2004 **U.S. PATENT DOCUMENTS EXAMINER'S Document Number Publication Date** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where INITIALS MM-DD-YYYY CITE Number-Kind Code2 (# known) Document Relevant Passages or Relevant Figures Appear US 5.354.486 10/11/94 Evans US 5,098,945 3/24/92 Pitteloud et al. US 5,147,604 9/15/92 Ciuba et al. US 4,282,111 8/4/81 Ciuba US 5,211,875 5/18/93 Speer et al. US 3,615,454 10/26/71 Cescon et al. US 4,942,112 7/17/90 Monroe et al. US 3,768,976 10/30/73 Hu et al. US 3,941,759 3/2/76 Taylor et al. US 4,356,301 10/26/82 Gleim US 4,555,473 11/26/85 Dueber et al. บร 4,847,001 7/11/89 Cuisia et al. US 5,043,166 8/27/91 Barenholz et al. FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Lines Translation INITIALS CITE Country Codes -Number 4 -Kind Codes (if known) MM-DD-YYYY Applicant of Cited Document Where Relevant NO. Figures Appear Yes EP 0 301 719 2/1/89 EP 0 366 040 5/2/90 GB 870,638 6/14/61 EP 0 406 169 A1 1/2/96 JP 85 152287 7/12/85 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, **EXAMINER'S** INITIALS journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where CITE NO "Singlet Oxygen: An Intermediate in the Inhibition of Oxygen Permeation Through Polymer Films", by Michael L. Rooney et al., Chemistry and Industry, December 15, 1979, pp. 900-901. "Oxygen Scavenging from Air in Package Headspaces by Singlet Oxygen Reactions in Polymer Media", by Michael L. Rooney, Journal of Food Science, Vol. 47, No. 1, January-February 1982, pp. 291-294, 298. DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Inguide copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

SHEET 2 OF 3 INFORMATION DISCLOSURE ATTY. DOCKET NO. SERIAL NO. 64162-030 Divisional of Appl. CITATION IN AN No.10/345,992 APPLICATION **APPLICANT** MICHAEL L. ROONEY FILING DATE **GROUP** (PTO-1449) January 16, 2004 U.S. PATENT DOCUMENTS **EXAMINER'S Document Number Publication Date** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where INITIALS CITE MM-DD-YYYY Number-Kind Codes (# known) Document Relevant Passages or Relevant Figures Appear US 5,958,254 9/28/99 Rooney US 4,249,412 02/1981 Townsend US 5,414,742 05/1995 Hornak et al. US 5,029,463 07/1991 Schvester et al. US 4,507,114 -03/1985 Bohman et al. US 5,513,516 05/1996 Stauffer US 4,953,396 09/1990 Langsdorf et al. US 5.939.620 08/1999 Strand US 4,097,236 06/1978 Daly et al. US 5,914,164 06/1999 Ciocca et al. US 5,226,316 07/1993 Mally et al. US 3,852,995 12/1974 Duncanson FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document Publication Date Name of Patentee or Pages, Columns, Lines Translation Applicant of Cited Document INITIAL S CITE Country Codes -Number 4 -Kind MM-DD-YYYY Where Relevant Codes (if known) Figures Appear Yes No JP 83 209989 11/10/83 JP 85 120688 6/5/85 JP 91 088592 4/19/91 AU A-28228/92 6/20/93 WO 96/07711 3/14/96 EP 0394822 10/31/1990 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER'S** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, INITIALS journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where CITE Rooney, M.L. "Measuring Packaging Film Attributes", Food Australia 41(8), August 1989, pp. 880-881. Holland et al., "New methods of measuring permeabilities of packaging films", CSIRO Fd. Res. Q. 1981, 41 pp. 47-50. Rooney, M.L., "Photosensitive oxygen scavenger films: an alternative to vacuum packaging", CSIRO Fd. Res. Q. 1983, 43, pp. 9-11. Rooney, M.L., "New methods of maintaining product quality through package Interaction", PA 1990 - Session B-2.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

EXAMINER

SHEET 3 OF 3

D 177.	77.7						SHEE	1 <u>3 OF 3</u>	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 64162-030	30 Di		SERIAL NO. Divisional of Appl. No. 0/345,992		
·				APPLICANT MICHAEL L. ROONEY					
(PTO-1449)				FILING DATE GROUP January 16, 2004					
			U.S. PATEN	T DOCUMENTS		-			
EXAMINER'S		Document Number	Publication Date	Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where					
INITIALS	CITE NO.	Number-Kind Codez (7 known)	MM-DD-YYYY	Document	Relev	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	 	US							
	 	US							
	├ ──	US							
	 -	US	 						
	 	US				 -			
· · · · · · · · · · · · · · · · · · ·	<u> </u>	US	 						
		US							
		US						•	
			FOREIGN PAT	ENT DOCUMENTS		<u> </u>		·	
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -NumberKind Codes (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Document Where R		umns, Lines Translation Relevant Appear			
							Yes	. No	
			 						
			· · · · · · · · · · · · · · · · · · ·						
·	·	OTHER A	RT (Including Author	Title Date Pertinent Pages Et	· ·		<u> </u>		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER'S INITIALS INITIAL									
1/1		Holland et al., "Measuring Oxygen permeabilities of polymer films by a new singlet oxygen technique". Angew. Makromol. Chem. 88, pp. 209-221.							
j,	/	Kirk-Othmer (1978), "Anthraquinone" Encyclopedia of Chemical Technology (3 rd Ed.) Volumne 8, pp. 393-							
	/	Rooney, M.L. (1995) "Active Food Packaging", pp. 1-33.							
	Ý——	Rooney, M.L. (1995) "Active Food Packaging", pp. 74-110.							
		Patent Abstracts of Japan, C-138, page 153, JP,A,57-145107, September 8, 1982.							
		"Oxygen Scavenging: A Novel Use of Rubber Photo-Oxidation", by Michael L. Rooney, Chemistry and Industry, March 20, 1982, pp. 197-198.							
		FOOTE, Christopher S.; "Photosensitized Oxidation and Singlet Oxygen: Consequences in Biological Systems"; pps. 85-95 of Free Radicals in Biology, Vol. II, 1976.							
A STAMUNER SATE CONSIDERED								I	
XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw life through citation if not in conformance and account of the conformance with MPEP 609. Draw life through citation if not in conformance and account of the conformance with MPEP 609.									

Inside copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.